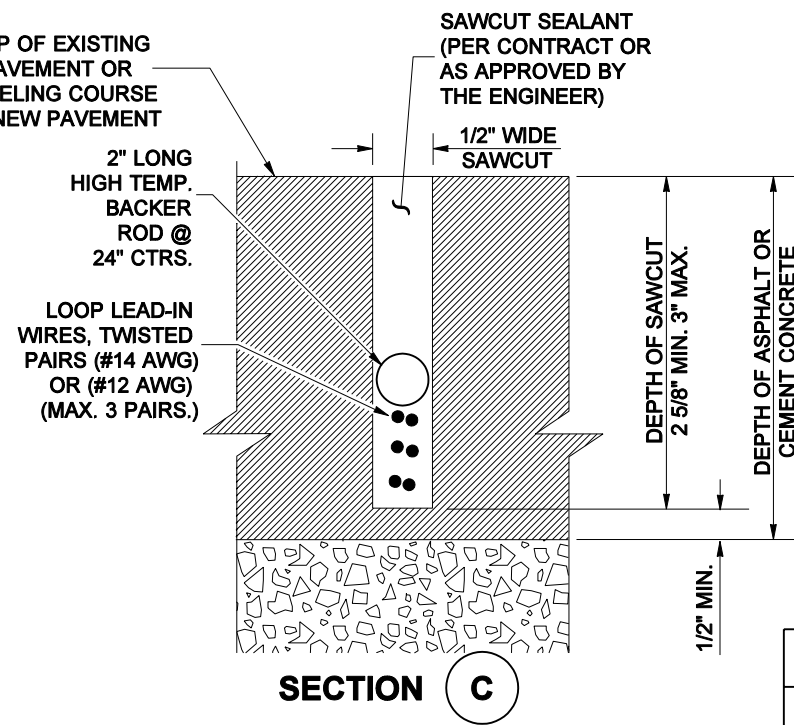
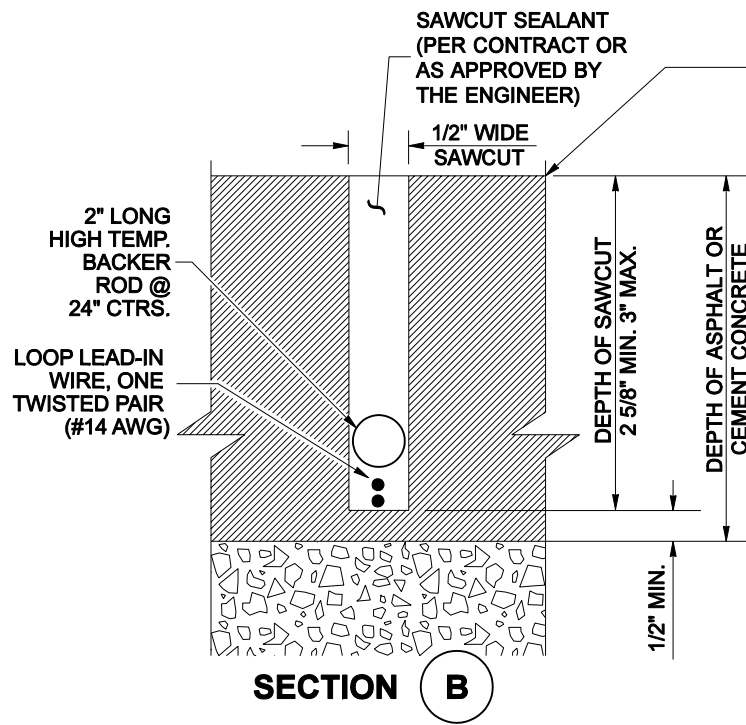
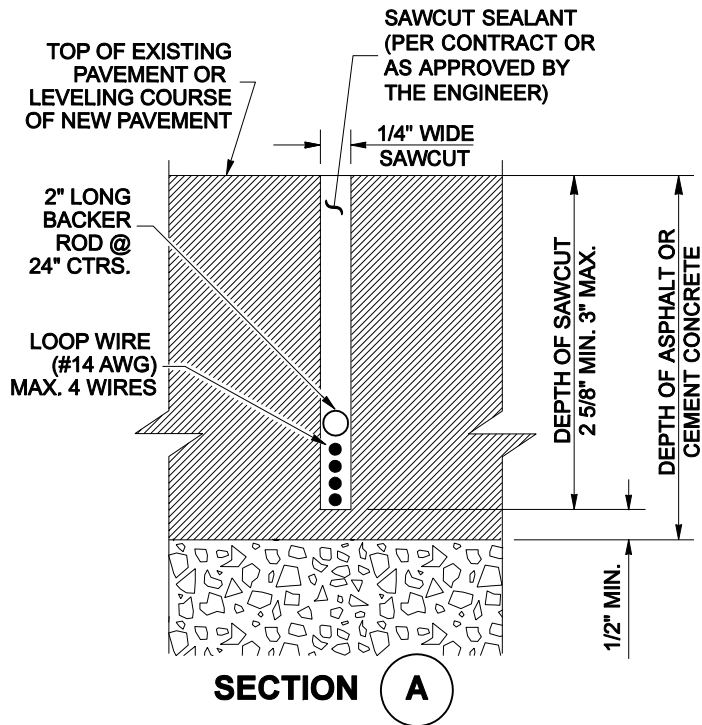


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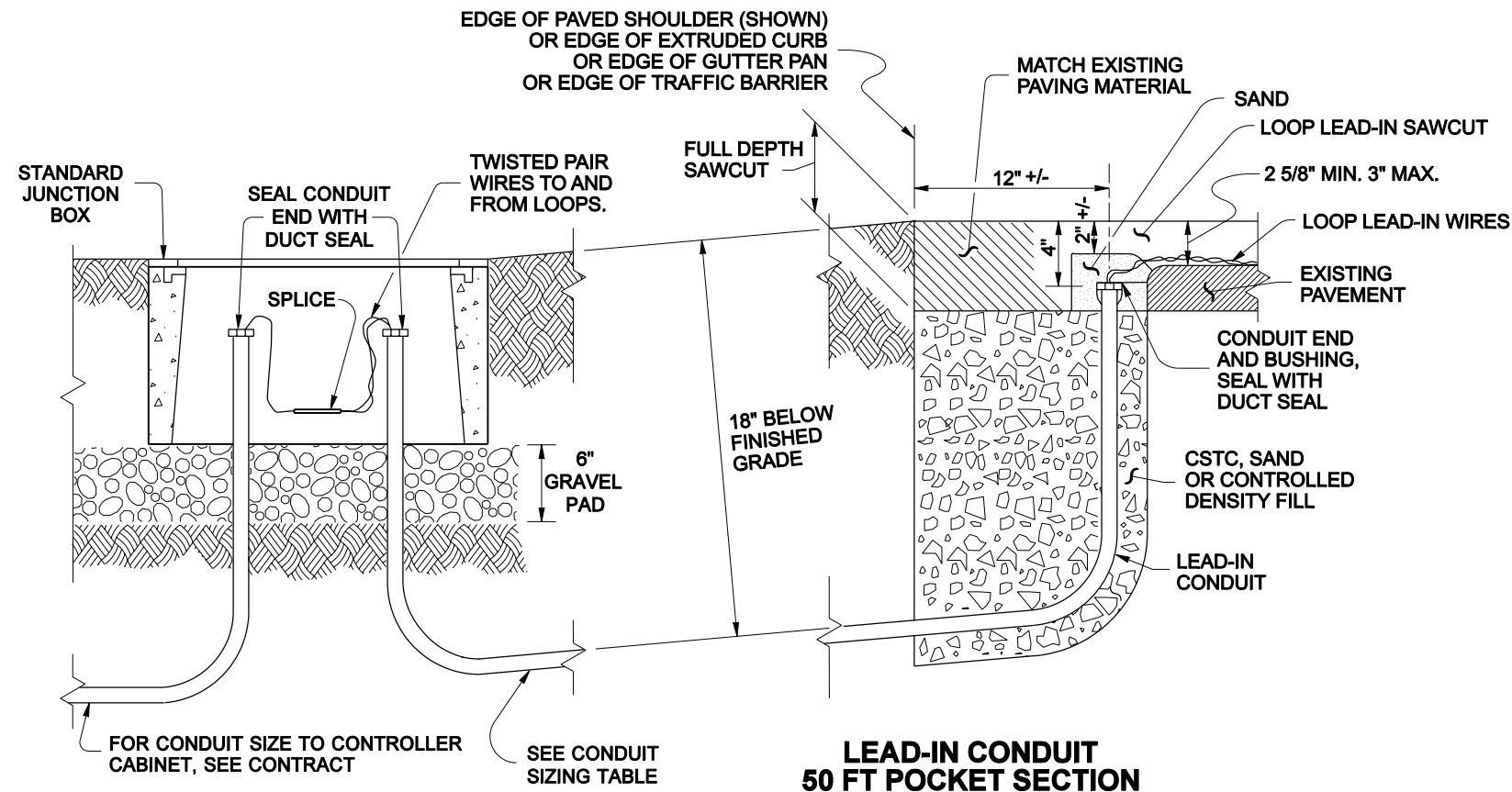


#### NOTES

1. Fill the conduit trench to the top of the existing or new surfacing with CSTC, sand or controlled density fill. See "Standard Specifications" Section 2-09.3(1)E.
2. Minor Regional variation is allowed in the soft pocket closure. Consult with the Engineer or see the Contract for additional requirements.
3. Conductors shall be snug to the bottom of the sawcut. High temperature backer rod shall be snug to the conductors.

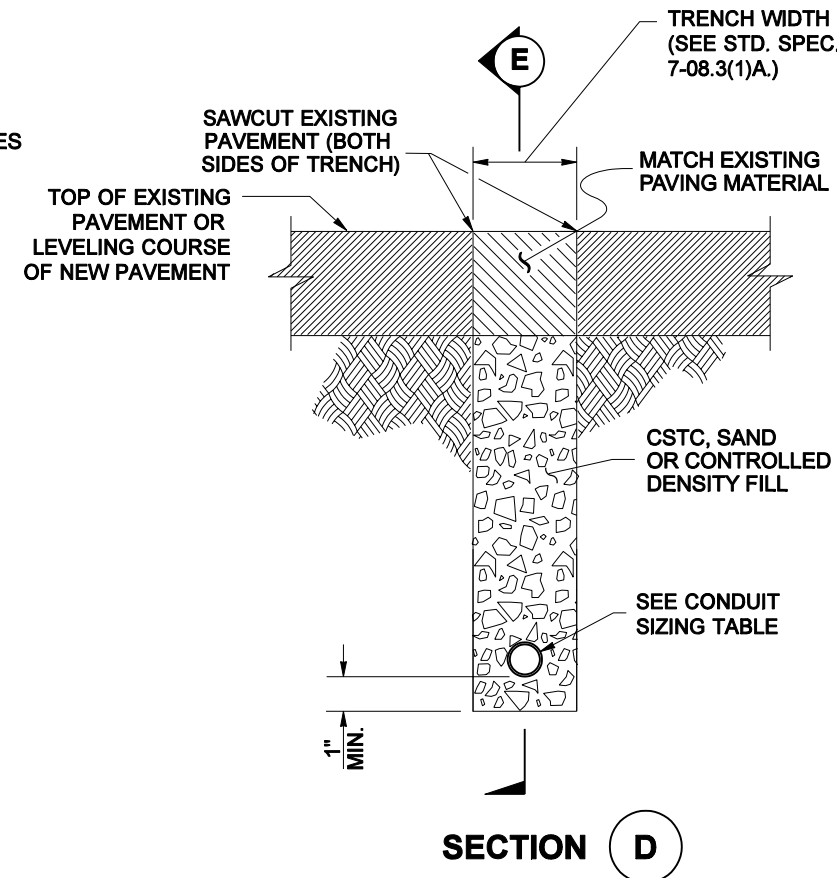
#### CONDUIT SIZING TABLE

LOOP LEAD PAIRS	1-2	3	4-5	6-8	9-12
CONDUIT SIZE (MIN)	1"	1 1/4"	1 1/2"	2"	3"



#### JUNCTION BOX PLACEMENT

#### SECTION E



#### INDUCTION LOOP DETAILS

#### STANDARD PLAN J-8d

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

**Harold J. Peterfeso** 05-20-04

STATE DESIGN ENGINEER

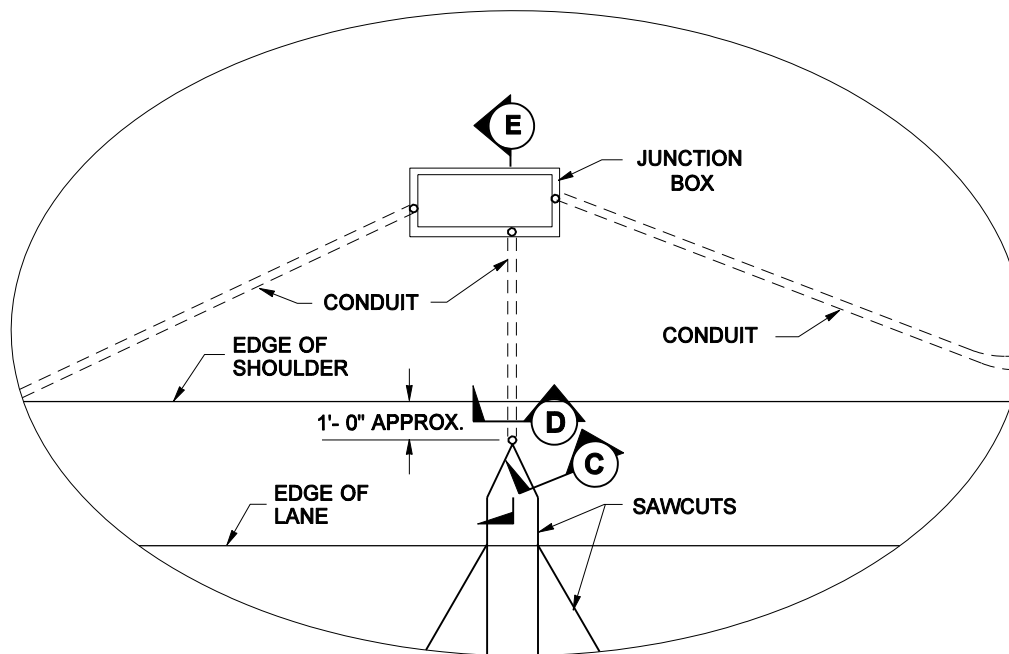
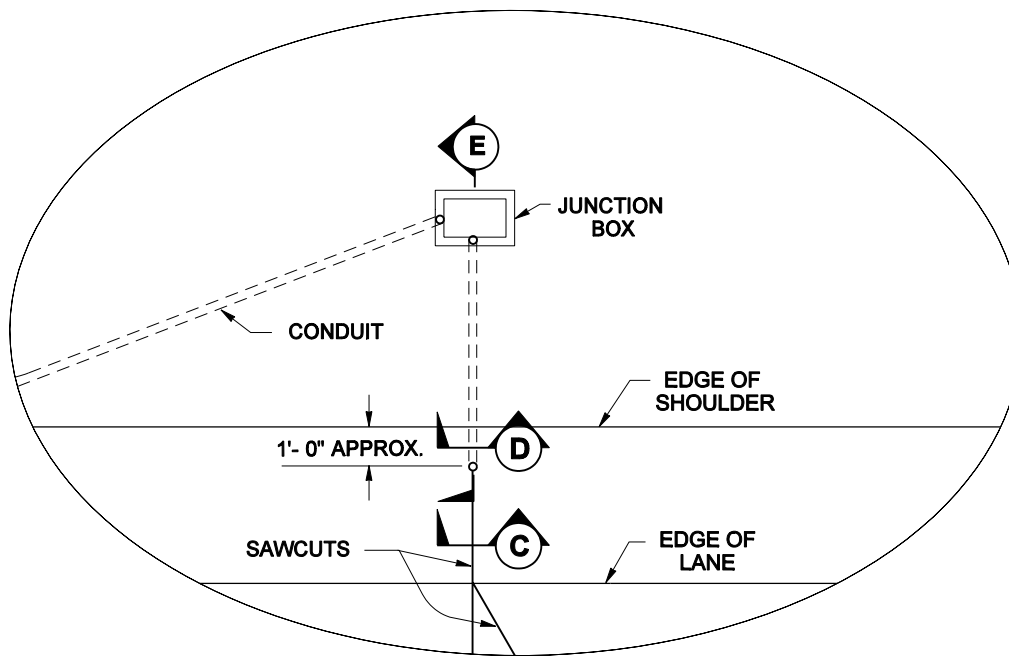
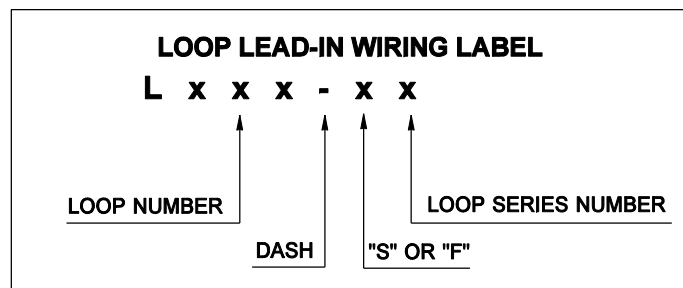
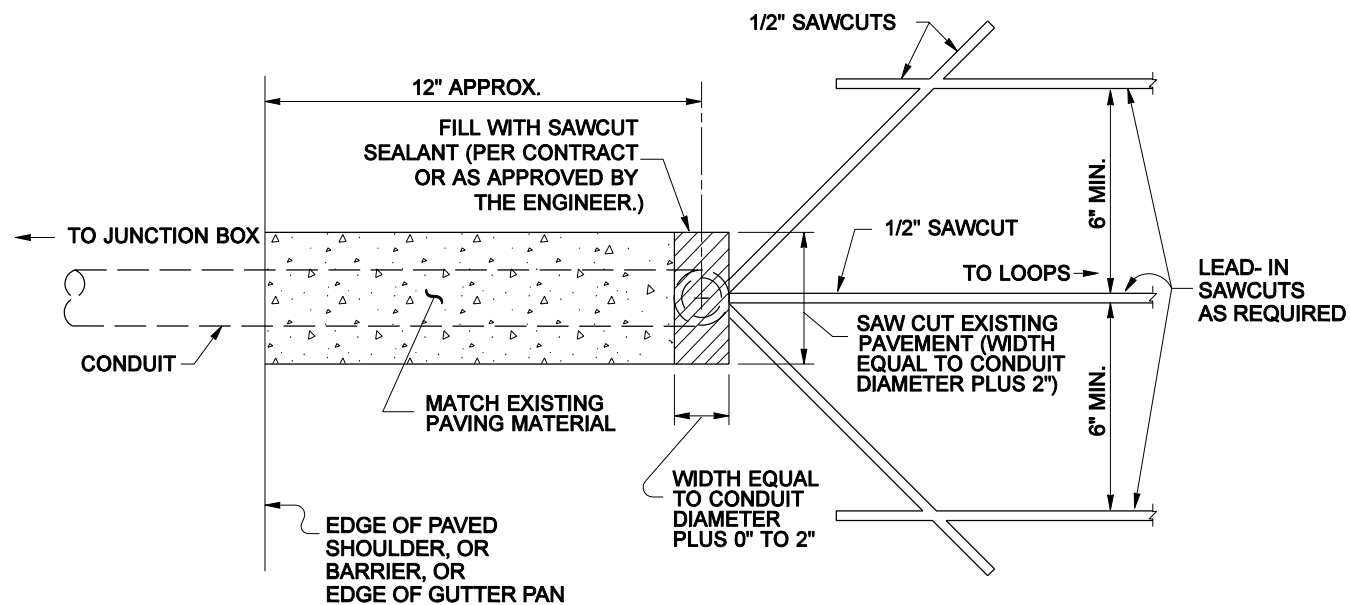
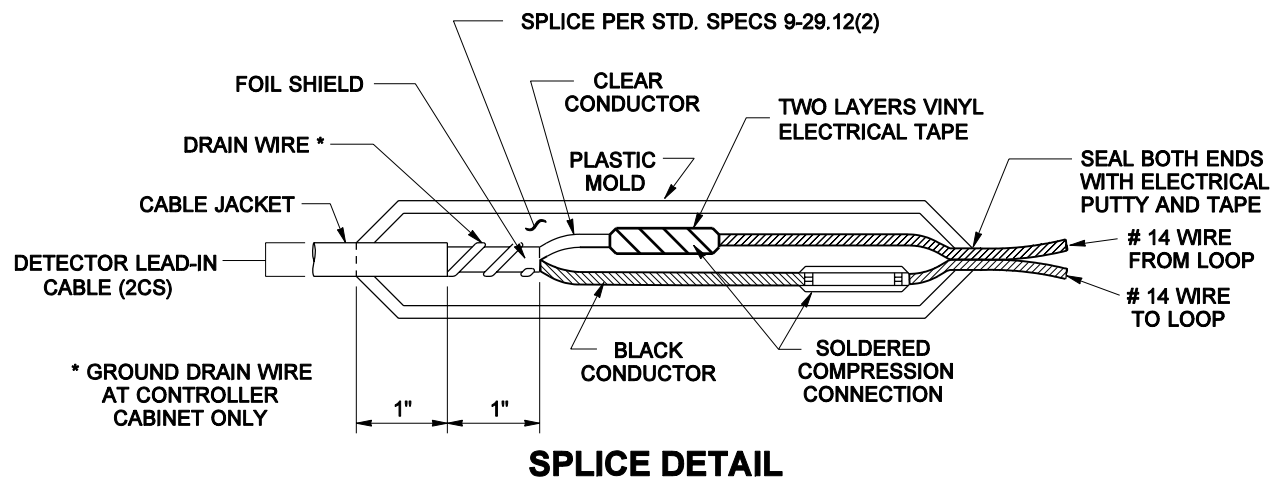
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Washington State Department of Transportation

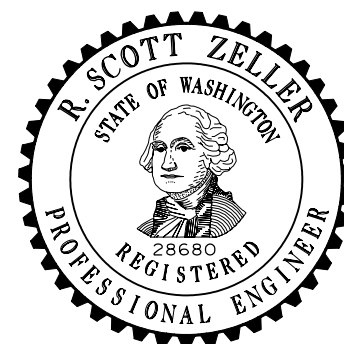
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## LOOP INSTALLATION NOTES

1. Install the Junction Box and the lead-in conduit.
2. Sawcut the loop slots and the lead-in slots.
3. Lay out the loop wire starting at the Junction Box, allowing 5' minimum slack.
4. Install the wire in the loop slot as shown.
5. Finish laying out the wire at the Junction Box and identify the leads with the loop number, the "S" for start and the "F" for the finish, and the loop series number.
6. Twist each pair of the lead wires two times per foot from the loop to the Junction Box. Reverse the direction of the twist for each successive pair installed.
7. Construct a supplemental splice containing any series loop connections required in the plans. Supplemental splices are subject to the same requirements shown for the loop lead and the shielded cable splice.
8. Splice the loop leads of supplemental splice leads to the shielded cable as noted in the Contract.
9. Complete installation and test loop circuits or combination loop circuits. See Standard Specifications 8-20.3(14)D.
10. Conduit for the loop stubout shall be as required in the Contract.



EXPIRES MAY 5, 2005

## INDUCTION LOOP DETAILS

### STANDARD PLAN J-8d

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

**Harold J. Peterfeso**

STATE DESIGN ENGINEER

**05-20-04**

DATE



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